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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/796,689 | 03/09/2004 | Gang Jin | JING-001-2004 | 2638 |
| 46788 | 7590 | 12/08/2005 | EXAMINER | |
| FORTUNE LAW GROUP LLP 100 CENTURY CENTER COURT, SUITE 315 SAN JOSE, CA 95112 | | | LARKIN, DANIEL SEAN | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2856 | |

DATE MAILED: 12/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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|------------------------------|--------------------------------------|----------------------------------|--|
| Office Action Summary | Application No. 10/796,689 | Applicant(s) JIN, GANG | |
| | Examiner Daniel S. Larkin | Art Unit 2856 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☒ Claim(s) 1-20 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 March 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description:

Reference numeral -- 330 -- does not appear within the drawing figures as suggested by the disclosure on page 7, paragraph [021], line 2.

Reference numeral -- 100 -- does not appear within the Figure 4 as suggested by the disclosure on page 8, paragraph [026], line 1.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "230" has been used to designate both an "end of threaded portion (220)", as shown in Figure 3, and a "threaded bore located in the body portion (120), as also shown in Figure 3.

3. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of

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any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

4. The disclosure is objected to because of the following informalities:

Page 7, paragraph [022], line 4: reference numeral "120" should be corrected to read -- 130 --.

Page 7, paragraph [023], line 2: A -- comma -- should be inserted after the terms "material" and "rubber".

Page 7, paragraph [023], line 5: The article -- a -- should be inserted prior to the term "second"; and a -- comma -- should be inserted after the term "Preferably".

Page 7, paragraph [023], line 6: Reference numeral -- 290 -- should be inserted after the term "washer".

Page 7, paragraph [024], line 4: The term -- second -- should be inserted prior to the term "washer".

Page 7, paragraph [024], line 4: The phrase "may be" should be corrected to read -- is --. Use of the phrase "may be" seems to imply that the bore 350 is optional; however, the invention would not be able to pressurize a fluid system without the bore 350 being present.

Page 7, paragraph [025], line 1: A -- comma -- should be inserted after the term "use".

Page 8, paragraph [025], line 1: A -- comma -- should be inserted prior to the

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term "respectively".

Page 8, paragraph [025], line 5: A -- comma -- should be inserted after the term "configuration".

Page 8, paragraph [025], line 6: The term "portion" should be corrected to read -- portions --. Appropriate correction is required.

Claim Objections

5. Claims 1-20 are objected to because of the following informalities:

Re claim 1, claim line 1: A -- colon -- should be inserted after the term "comprising".

Re claim 4, claim line 1: The term -- inlet -- should be inserted prior to the term "adaptor".

Re claim 5, claim line 1: The term -- inlet -- should be inserted prior to the term "adaptor".

Re claim 6, claim line 1: The term -- inlet -- should be inserted prior to the term "adaptor".

Re claim 6, claim line 1: The article -- a -- should be inserted prior to the term "thrust".

Re claim 7, claim line 1: The term -- inlet -- should be inserted prior to the term "adaptor".

Re claim 8, claim line 1: A -- colon -- should be inserted after the term "comprising".

Re claim 14, claim line 1: The article -- a -- should be inserted prior to the term "thrust".

Re claim 15, claim line 1: A -- colon -- should be inserted after the term "comprising".

Re claim 18, claim line 1: The article "a" should be deleted.

Re claim 20, claim line 1: The article -- a -- should be inserted prior to the term "thrust". Appropriate correction is required.

Allowable Subject Matter

6. The following is a statement of reasons for the indication of allowable subject matter:

Prior art was not relied upon to reject claims 1-20 because the prior art fails to teach and/or make obvious the following:

Claims 1-7: Providing an adapter, comprising: an expandable portion disposed adjacent a body portion; and a bolt threadingly engageable to a top portion, the bolt securing the expandable portion adjacent the body portion and compressing the expandable portion in association with rotation of the body portion about the top portion in combination with all of the remaining limitations of the base claim.

Claims 8-20: Providing an adapter, comprising: an expandable portion disposed adjacent a body portion; and a bolt threadingly engageable with a threaded bore formed in a threaded portion, the bolt securing the expandable portion adjacent the body portion and compressing the expandable portion in association with rotation of the body

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portion about the threaded portion in combination with all of the remaining limitations of the base claim.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The prior art to US 5,184,698 (Coffenberry) discloses an expandable plug comprising a bolt (11) engaging a deformable section (15), such that rotation of a compression nut (27) upon the bolt causes the deformable section (15) to expand.

The prior art to US 5,557,966 (Corry) discloses a cooling system pressure testing device having a testing head (22) comprised of a hollow tube (26) a bladder (28) and a plug (30).

The prior art to US 5,760,296 (Wilson) discloses a cooling system pressure tester, comprising a threaded stem (12) and a bladder (13).

8. This application is in condition for allowance except for the following formal matters:

See above paragraphs 1-5.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel S. Larkin whose telephone number is 571-272-2198. The examiner can normally be reached on 8:00 AM - 5:00 PM Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams can be reached on 571-272-2208. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel Larkin
AU 2856
05 December 2005


DANIEL S. LARKIN
PRIMARY EXAMINER